

CLAIMS

What is claimed is:

1. A method of sharing telematics data for a vehicle with service providers comprising:

receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

comparing the telematics data with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider; and

selectively providing items of the telematics data to the at least one service provider according to the comparing step.

2. The method of claim 1, further comprising:

receiving updated telematics data;

comparing the updated telematics data with the privacy policy associated with the vehicle; and

selectively providing items of the telematics data to the at least one service provider according to said step of comparing the updated telematics data.

3. The method of claim 1, further comprising:

receiving a request for information from a service provider prior to said comparing step; and

determining a privacy policy associated with the vehicle and the requesting service provider.

4. The method of claim 1, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

5. The method of claim 4, wherein the privacy policy rules include at least one of temporal rules, location rules, and vehicle diagnostic rules for comparing the telematics data.

6. A method of sharing telematics data for a vehicle with service providers comprising:

- receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

- receiving a telematics event for the vehicle;

- comparing the telematics event with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider; and

- selectively providing items of the telematics data to the at least one service provider according to the comparing step.

7. The method of claim 6, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

8. The method of claim 6, wherein the privacy policy rules include at least one of temporal rules, geographic rules, and vehicle diagnostic rules, said comparing step further comprising comparing the telematics data with the privacy policy.

9. A system for selectively providing telematics data of a vehicle to application service providers comprising:

- a data store having telematics data for the vehicle;

- a data store having privacy policy information corresponding to the vehicle and an application service provider;

- a request processor configured to receive requests for telematics data from and provide telematics data to the application service provider; and

a privacy manager configured to compare the privacy policy information specified by the received requests for telematics data with the stored telematics data for the vehicle, said privacy manager configured to retrieve only those items of telematics data for the application service provider as specified by the privacy policy information.

10. The system of claim 9, further comprising an agent corresponding to each application service provider, wherein each said agent is configured to access telematics data on behalf of the application service provider corresponding to that agent in conformance with the privacy policy information corresponding to the application service provider.

11. A system for exchanging telematics data for a vehicle comprising:

means for receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

means for comparing the telematics data with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider; and

means for selectively providing items of the telematics data to the at least one service provider according to the comparing step.

12. The system of claim 11, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

13. The system of claim 11, wherein the privacy policy rules include at least one of temporal rules, location rules, and vehicle diagnostic rules for comparing the telematics data.

14. A system for exchanging telematics data for a vehicle comprising:

means for receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

means for receiving a telematics event for the vehicle;

means for comparing the telematics event with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider according to the telematics event; and

means for selectively providing items of the telematics data to the at least one service provider according to the comparing step.

15. The system of claim 14, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

16. The system of claim 14, wherein the privacy policy rules include at least one of temporal rules, location rules, and vehicle diagnostic rules, said means for comparing further comprising means for comparing the telematics data with the privacy policy.

17. A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

comparing the telematics data with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider; and

selectively providing items of the telematics data to the at least one service provider according to the comparing step.

18. The machine readable storage of claim 17, further causing the machine to perform the steps of:

receiving updated telematics data;

comparing the updated telematics data with the privacy policy associated with the vehicle; and

selectively providing items of the telematics data to the at least one service provider according to the step of comparing the updated telematics data.

19. The machine readable storage of claim 17, further causing the machine to perform the steps of:

receiving a request for information from a service provider prior to said comparing step; and

determining a privacy policy associated with the vehicle and the requesting service provider.

20. The machine readable storage of claim 17, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

21. The machine readable storage of claim 20, wherein the privacy policy rules include at least one of temporal rules, location rules, and vehicle diagnostic rules for comparing the telematics data.

22. A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

receiving the telematics data for the vehicle, wherein the telematics data dynamically changes over time;

receiving a telematics event for the vehicle;

comparing the telematics event with a privacy policy associated with the vehicle, wherein the privacy policy specifies rules for selectively releasing items of the telematics data to at least one service provider according to the telematics event; and

selectively providing items of the telematics data to the at least one service provider according to the comparing step.

23. The machine readable storage of claim 22, wherein the telematics data includes at least one of vehicle diagnostic information, vehicle location information, temporal information, vehicle trajectory information, vehicle acceleration and deceleration information, and vehicle occupant information.

24. The machine readable storage of claim 22, wherein the privacy policy rules include at least one of temporal rules, location rules, and vehicle diagnostic rules, the machine readable storage further causing the machine to perform the step of comparing the telematics data with the privacy policy.